3. The method of claim 2, wherein the maximum delay further includes accounting for the distribution latency to each audio output device of the set of two or more audio output devices.

4. The method of claim 3, wherein the distribution latency is based on the communication technologies used.

5. The method of claim 4, wherein the communication technologies include at least one of wired communication technologies, wireless communication technologies, Bluetooth, Wi-Fi, Apple Airplay®, or Apple Airplay® 2.

6. The method of claim 1, wherein the timing for outputting the audio includes a time, with reference to a reference clock, to output an audio sample from the set of two or more audio output devices.

7. The method of claim 1, further comprising:

communicating the audio to a first subset of the set of two or more audio output devices using a first communication technology; and

communicating the audio to a second subset of audio output devices from the set using a second communication technology different from the first communication technology.

8. The method of claim 7, wherein the first and second communication technologies are wireless communication technologies.

9. The method of claim 1, further comprising:

obtaining information regarding whether a given audio output device from the set of two or more audio output devices is configured for in-room operation or out-of-room operation.

10. The method of claim 9, further comprising:

determining, based on the obtained information, that the given audio output device is configured for out-of-room operation, such that the given audio output device is configured to output the audio with a phase shift from the audio output by one or more other audio output devices from the set of two or more audio output devices.

11. The method of claim 1, further comprising:

detecting a change in configuration of the network;

determining, based on the change in the configuration of the network, an adjusted timing for outputting the audio from the set of two or more audio output devices; and

communicating the adjusted timing to the audio output devices.

12. The method of claim 1, further comprising:

communicating at least an indication of the timing to a video output device, the video output device configured to output video synchronized with the audio,

wherein the indication of the timing is configured to assist with synchronizing video output by the video output device with the audio.

13. An audio output device comprising:

at least one audio transducer;

at least one processor;

memory including instructions executable by the at least one processor, the instructions configured to cause the at least one processor to:

receive information regarding an audio processing latency associated with one or more other audio output devices, the one or more other audio output devices connected to the audio output device via a network;

determine, based at least on the received information, a maximum delay for outputting audio from the audio output device and the one or more other audio output devices;

determine, based on the maximum delay, timing for outputting the audio from the audio output device and the one or more other audio output devices; and

communicate the timing for outputting the audio to the at least one other audio output device to assist with synchronizing the audio output by the at least one audio transducer of the audio output device with the audio output by the one or more other audio output devices.

14. The audio output device of claim 13, wherein the maximum delay includes a maximum time taken for the audio to be received by a given audio output device of the one or more other audio output devices and then output by at least one audio transducer of the given audio output device.

15. The audio output device of claim 14, wherein the maximum delay further includes accounting for the distribution latency to each of the one or more other audio output devices.

16. The audio output device of claim 15, wherein the distribution latency is based on the communication technologies used.

17. The audio output device of claim 16, wherein the communication technologies include at least one of wired communication technologies, wireless communication technologies, Bluetooth, Wi-Fi, Apple Airplay®, or Apple Airplay® 2.

18. The audio output device of claim 13, wherein the timing for outputting the audio includes a time, with reference to a reference clock, to output an audio sample from the one or more other audio output devices.

19. The audio output device of claim 13, wherein the instructions are further configured to cause the at least one processor to:

communicate the audio to a first audio output device of the one or more other audio output devices using a first communication technology; and

communicate the audio to a second audio output device of the one or more other audio output devices using a second communication technology different from the first communication technology.

20. The audio output device of claim 19, wherein the first and second communication technologies are wireless communication technologies.

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